

NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-TMI-82-18

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation and is basically all that is known by NRC staff on this date.

Facility: GPU Nuclear Corporation
Three Mile Island, Unit 2
Docket Number 50-320

Licensee Emergency Classification:
X Not Applicable

Subject: VIDEO INSPECTION OF TMI-2 REACTOR CORE ON AUGUST 6, 1982

In a continuing effort to determine the extent of the core damage seen at the center top portion of the core during the video inspection on July 21, 1982, the licensee has removed two additional leadscrews (one (8B) near the edge of the core and one (9E) between the edge and the center of the core). Initial attempts to remove lead screw 8P (a lead screw near the edge of the opposite side of the core) were discontinued when the lead screw could not be uncoupled from the control rod spider assembly.

Radiation levels in the proximity of both lead screws were in excess of 50 R/hr gamma and the maximum detected beta was 2000 Rad/hr. The radiation levels in the proximity of the center control rod lead screw which was removed on July 21, 1982, was approximately 10 R/hr gamma and 80 Rad/hr beta. Wet black crud was observed falling off the 8B lead screw as it was being removed. The video inspection of the core will be performed late Friday afternoon.

Media interest will occur because the licensee plans to issue a press release. The NRC does not plan to issue a press release. The Commonwealth of Pennsylvania was informed.

The TMI Program Office staff plans to continue monitoring events as they occur.

The NRC TMI Program Office received notification of this occurrence through continuous monitoring of licensee activities. This information was current as of 2:00 PM today.

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